

FIG. 1

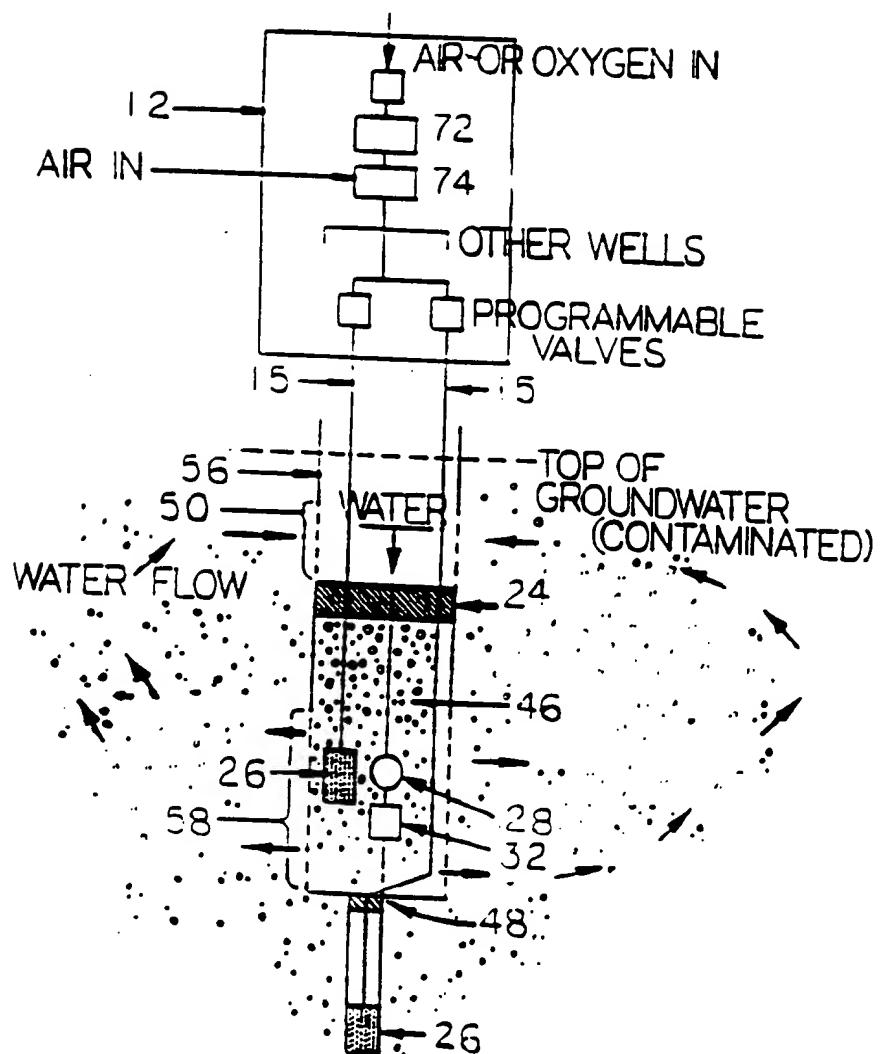


FIG. 2

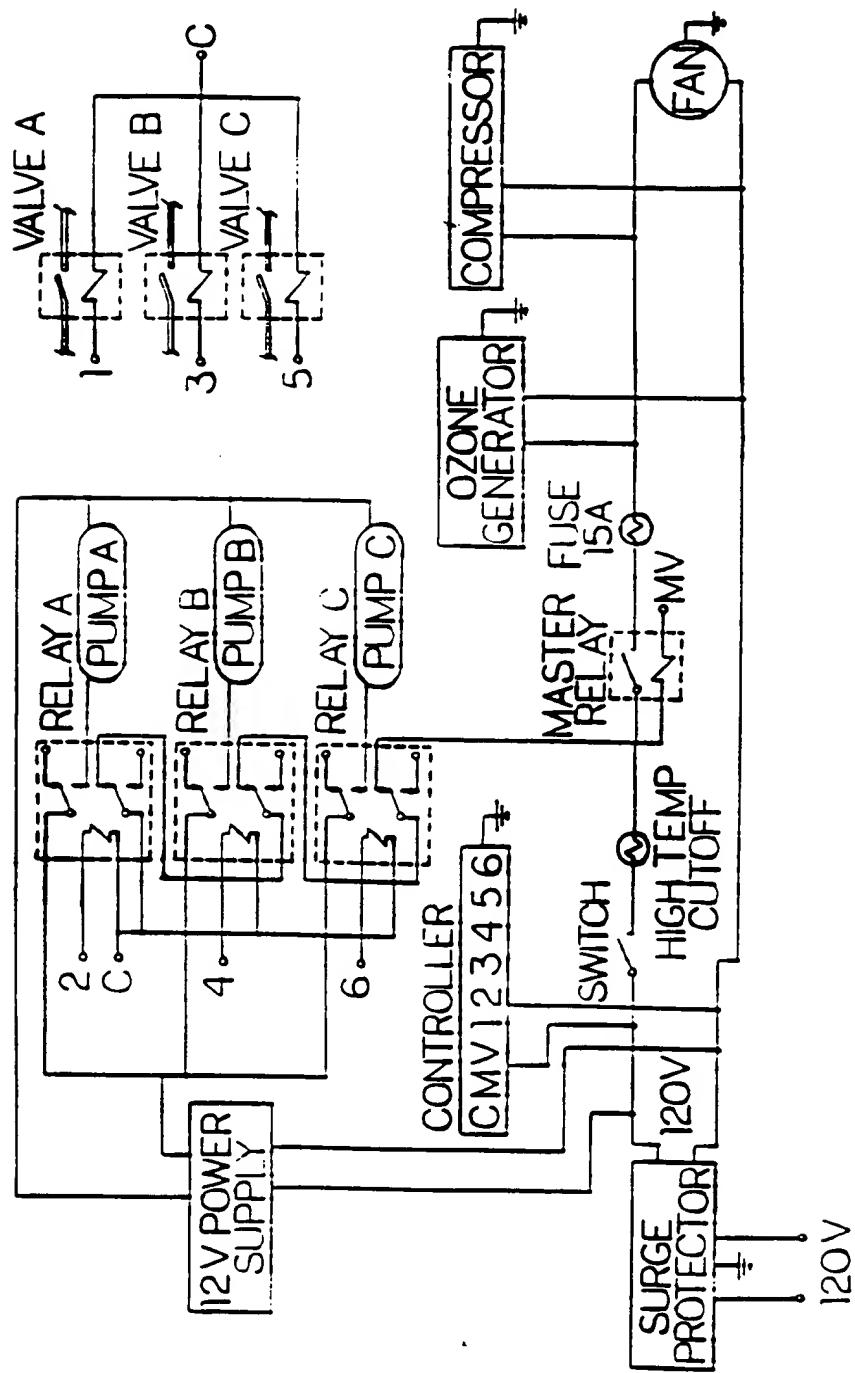
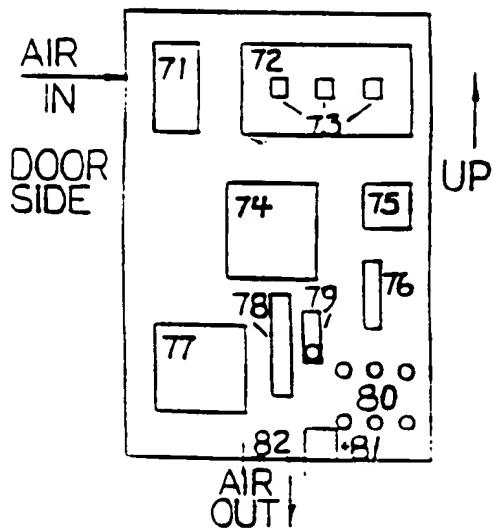


FIG. 3



- 71 AC TO DC POWER CONVERTER (OR TRICKLE CHARGED LEAD ACID BATTERY)
- 72 OZONE GENERATOR
- 73 WELL GAS RELAYS (3 WELLS SHOWN)
- 74 COMPRESSOR
- 75 MASTER RELAY
- 76 15A MAIN FUSE
- 77 PROGRAMMABLE TIMER - CONTROLLER
- 78 POWER STRIP
- 79 GAS REGULATOR AND PRESSURE GAGE
- 80 SOLENOID MANIFOLD (NUMBER DEPENDS ON SERIES AND NUMBER WELLS)
- 81 GROUND FAULT INTERRUPTOR
- 82 COOLING FAN

FIG. 4

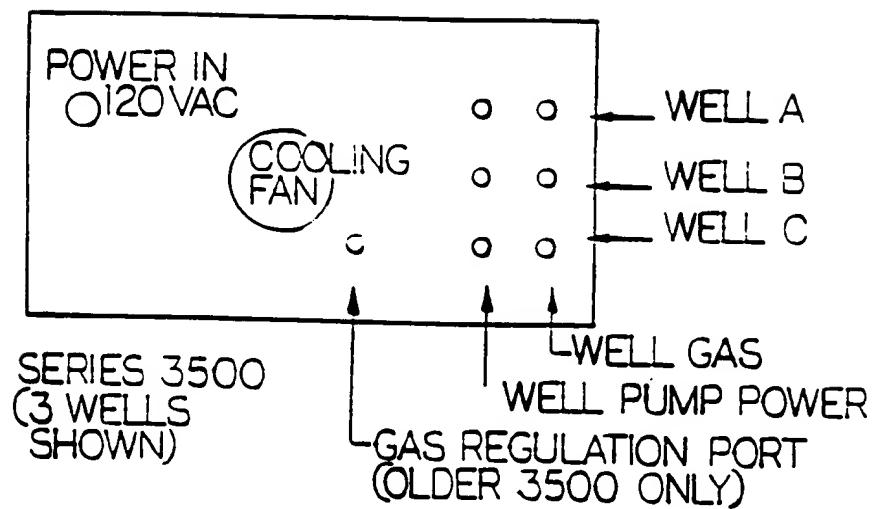


FIG. 5A

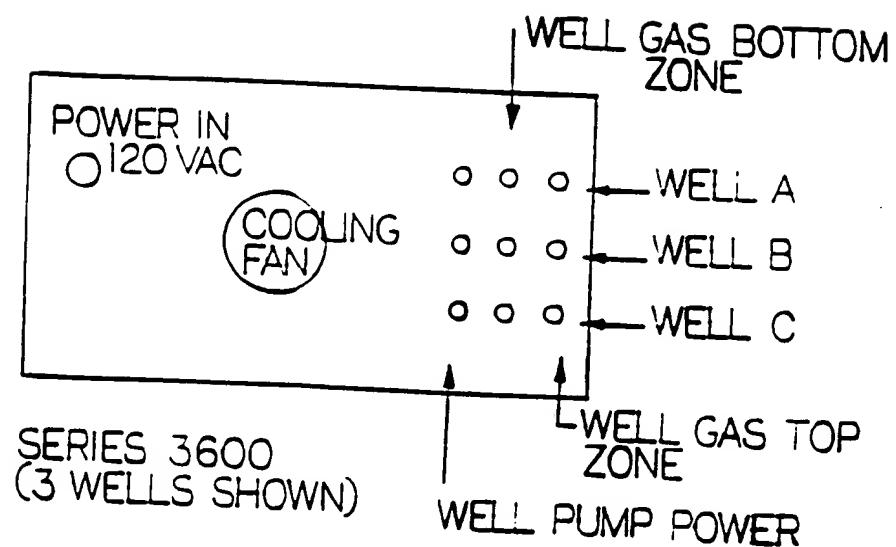


FIG. 5B

C-SPARGER™ SYSTEMS - TYPICAL
REMEDIATION SYSTEM CONFIGURATION

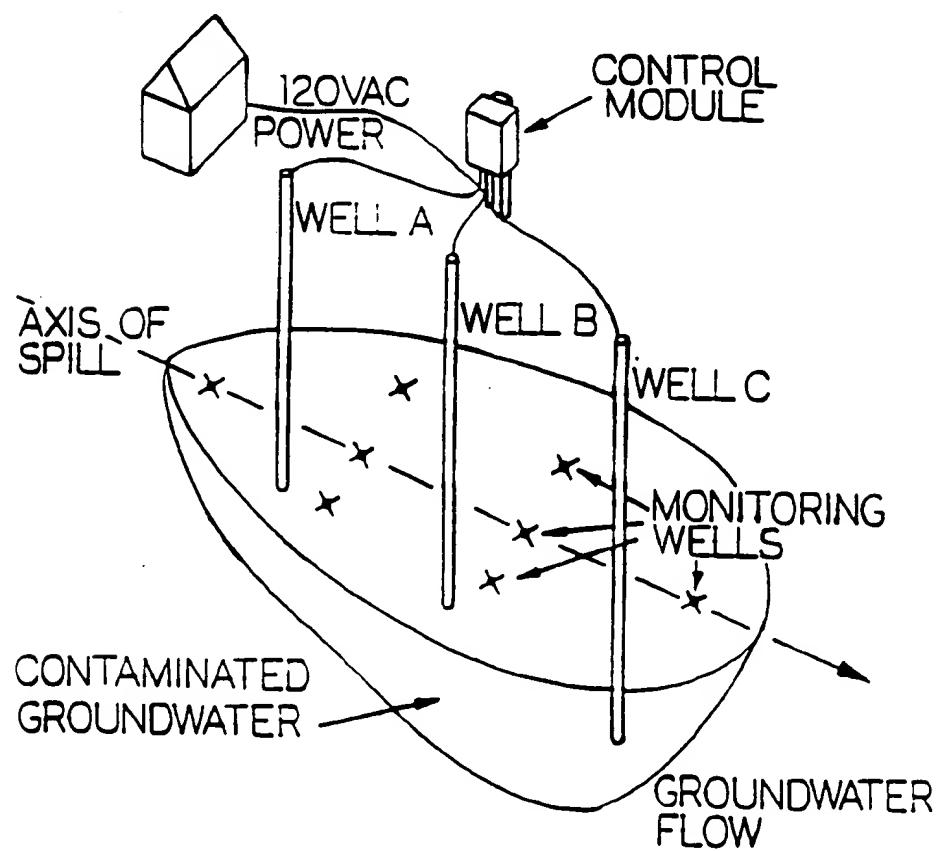


FIG. 6

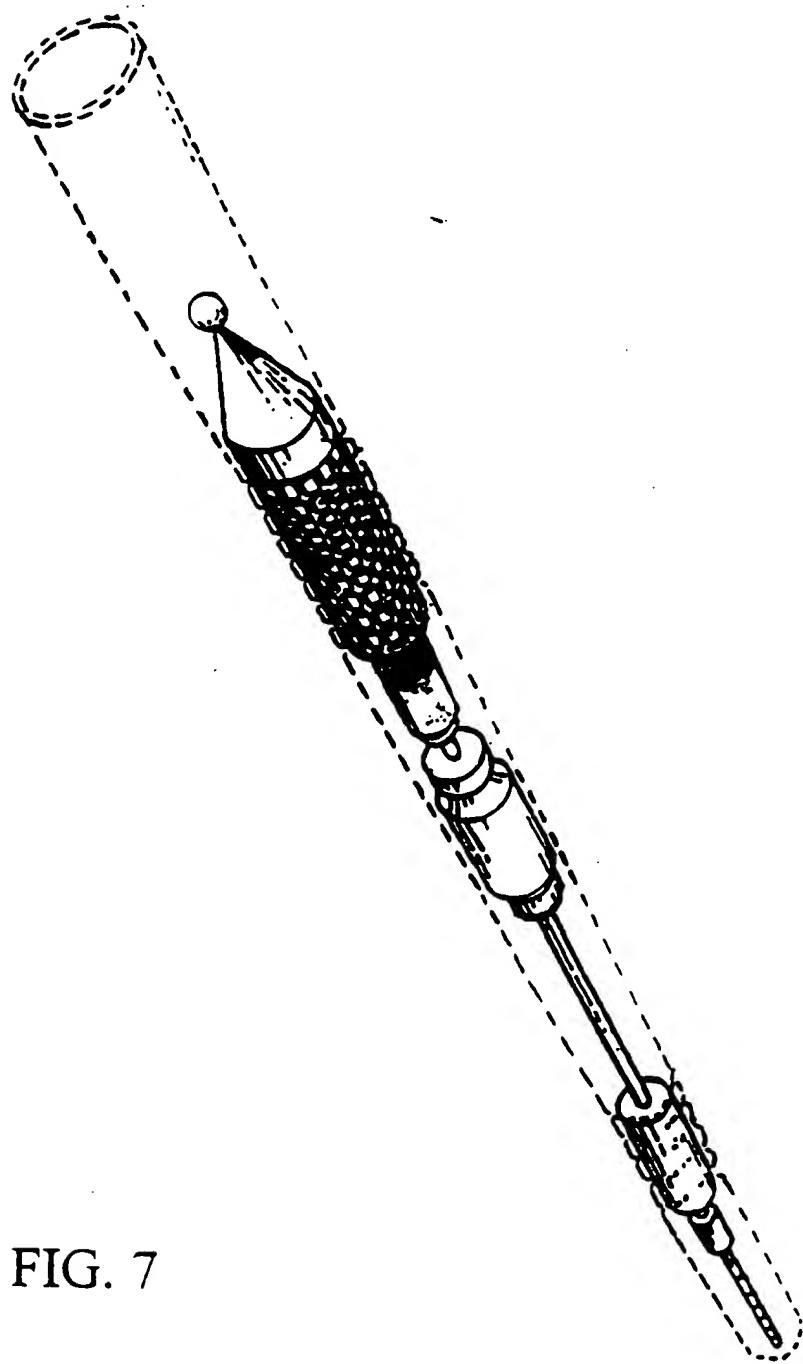


FIG. 7

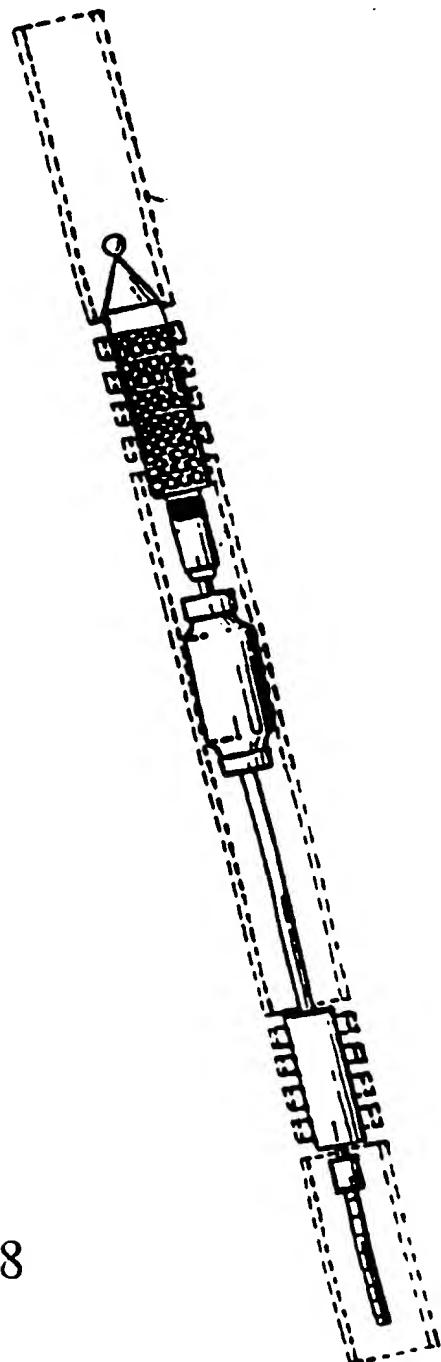


FIG. 8



FIG. 9

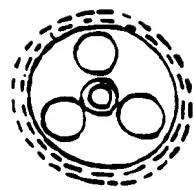


FIG. 10

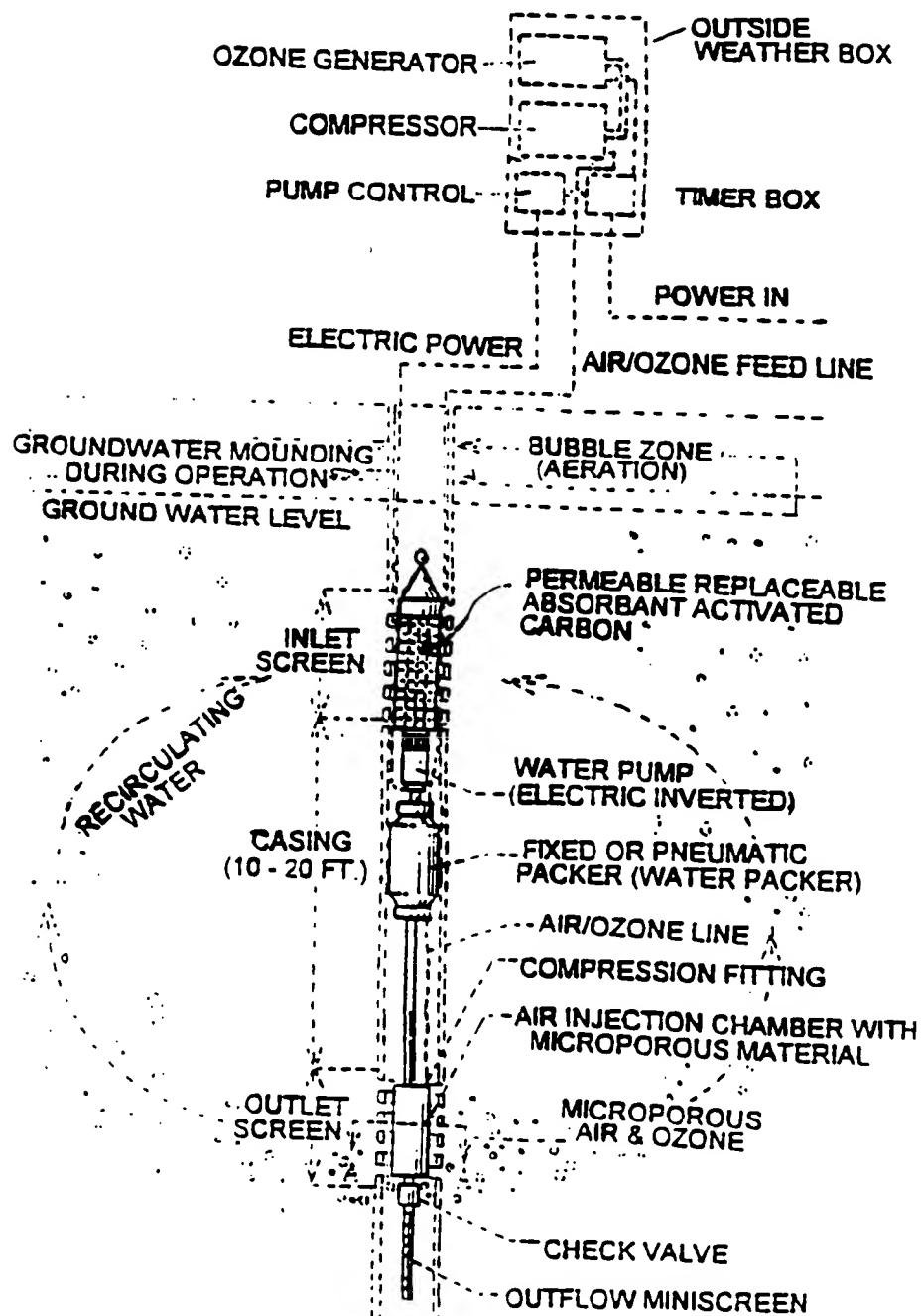


FIG. 11

PASS - THROUGH THREADED MICROPOROUS
SPARGEPOINT^R ASSEMBLY
(ATTACHES TO TUBING BUNDLE)

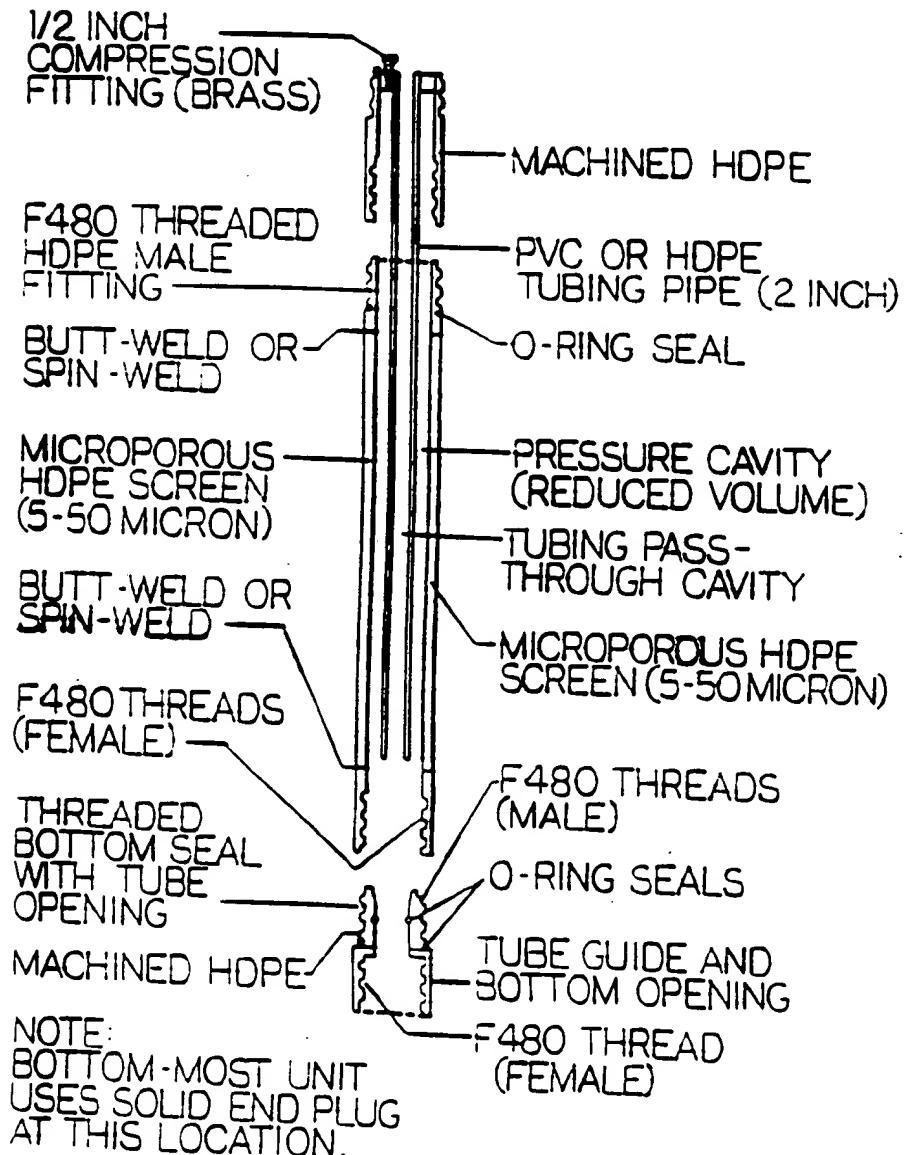


FIG. 12

CONTROL MODULE

	3500 Series	3600 Series
External Power	120V AC, 15 amp	120V AC, 15 amp
Well pumps Power	12V DC, power converter *	12V DC, power converter *
compressor	3/4 hp (not for continuous service)	3/4 hp (continuous OK)
Ozone Generator	ATS-250	VCX-2
Gas tubing	1/4 in.	3/8 in.
Box Size	28" x 20 x 11"	33" x 25 x 12"
Approx. Wt. Control Mod.	73 lbs (M-3503)	100 lbs (M-3603)
Pump/gas Line Length (1 for each well)	100 ft.	100 ft.

IN-WELL UNIT (Each well)

Fixed Packer	4-6 in.	4-6 in.
Spargepoint TM Top	1 in.	1 in.
Bottom	2 in.	—
Water Pump	XP-30ft	XP-30 ft.
Inlet & outlet Screens	10-20 slots/ft	10-20 slots/ft
Check valve, water	one, 1/4 in.	one, 1/4 in.
Timer/Controller	PSCZ-500Z	PSCZ-900Z

* current production, earlier units used a trickle charged lead acid battery

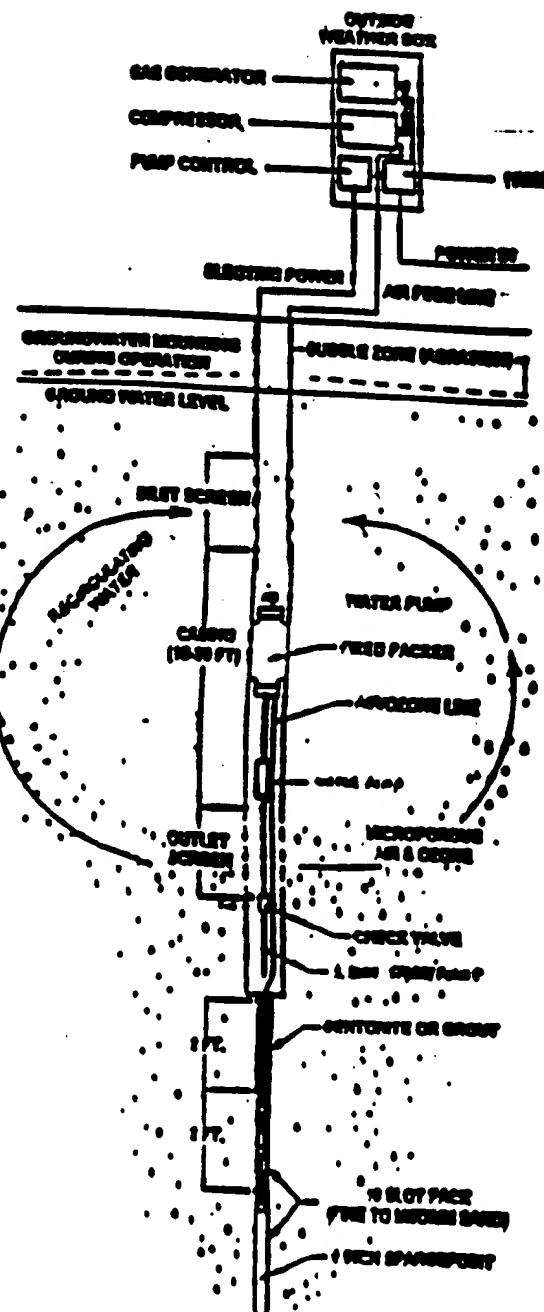


FIG. 13